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Name of Registered Representative:

John C. Freeman
John C. Freeman, Reg. No. 34,483

June 18, 2002
Date of Signature

PATENT
CASE NO. 56/367

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application:

Johann Mitterreiter

International Patent Application
No. PCT/EP00/05372

International Filing
Date: June 10, 2000

U.S. Patent Application
Serial No.: 10/019,734

U.S. Filing
Date: December 28, 2001

For: COUPLING ELEMENT AND USE
OF THE COUPLING ELEMENT
A DEVICE FOR MEASURING
ANGLES

)
)
) Group Art Unit: unassigned

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)
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) Examiner: unassigned

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

In compliance with Applicant's duty of disclosure under 37 C.F.R. § 1.56 and in

conformance with 37 C.F.R. §§ 1.97-1.98, Applicant hereby submits the following references for consideration by the Examiner. Copies of the references are enclosed along with a completed copy of Form PTO-1449.

I. DISCLOSURE

A. U.S. Patents

| <u>Patent No.</u> | <u>Inventor</u> | <u>Issue Date</u> |
|-------------------|--------------------|-------------------|
| 2,627,733 | Amberg | 02/10/53 |
| 3,987,645 | Koster et al. | 10/26/76 |
| 5,219,314 | Her et al. | 06/15/93 |
| 5,758,427 | Feichtinger et al. | 06/02/98 |
| 5,771,594 | Feichtinger | 06/30/98 |

B. Foreign Patents

| <u>Reference No.</u> | <u>Country</u> | <u>Pub. Date</u> |
|----------------------|----------------|------------------|
| 25 00 832 | W. Germany | 07/24/75 |
| 88 12 317.0 | W. Germany | 12/29/88 |
| 89 15 109.7 | W. Germany | 04/05/90 |
| 0 762 081 | EP | 03/12/97 |
| 0 762 082 | EP | 03/12/97 |
| 197 42 114 | Germany | 03/25/99 |

C. Literature

1. English language Abstract of Japanese publication no. 08284971, Patent Abstracts of Japan, published by Japanese Patent Office, 1996, one page.

II. DISCUSSION

A. U.S. Patent No. 2,627,733

The '733 patent was cited as a Y-type reference in a Search Report for a corresponding German Patent Application. A Y-type reference is deemed pertinent to patentability when combined with one or more Y-type references.

B. U.S. Patent No. 5,219,314

The '314 patent was cited as a Y-type reference in a Search Report for a corresponding German Patent Application.

C. West German Patent Reference No. 25 00 832

Based solely on the drawings, the '832 patent reference is pertinent because it appears to disclose a coupling with a central opening to receive a shaft. It is believed that U.S. Patent No. 3,987,645 corresponds to the '832 reference.

The '832 patent reference was cited as a Y-type reference in a Search Report for a corresponding German Patent Application.

D. West German Patent Reference No. 88 12 317.0

Based solely on the drawings, the '317.0 patent reference is pertinent because it appears to disclose a multi-component coupling having a central opening for receiving a shaft.

The '317.0 patent reference was cited as an A-type reference in a Search Report for a corresponding Patent Cooperation Treaty Application. An A-type reference regards technical background information and is not deemed pertinent to patentability.

E. West German Patent Reference No. 89 15 109

The pertinence of the '109 patent reference is discussed at page 1 of Applicant's

Specification.

The '109 patent reference was cited as an A-type and D-type reference in a Search Report for a corresponding German Patent Application.

F. European Patent Reference No. 07 62 081

The pertinence of the '081 patent reference is discussed at page 1 of Applicant's Specification. It is believed that U.S. Patent No. 5,771,594 corresponds to the '081 reference.

The '081 patent reference was cited as a Y-type and D-type reference in a Search Report for a corresponding German Patent Application.

G. European Patent Reference No. 07 62 082

Based solely on the drawings, the '082 patent reference is pertinent because it appears to disclose a coupling with two free arm-like elements. It is believed that U.S. Patent No. 5,758,427 corresponds to the '082 reference.

The '082 patent reference was cited as an X-type reference in a Search Report for a corresponding Patent Cooperation Application. An X-type reference is pertinent when taken alone.

H. German Patent Reference No. 197 42 114

Based solely on the drawings and the enclosed English-language Abstract, the '114 patent reference is pertinent because it appears to disclose a wheel with tongues 13-15 used for attachment in a rotating device.

The '114 patent reference was cited as an A-type reference in a Search Report for a corresponding Patent Cooperation Application.

I. Patent Abstracts of Japan Publication

The Patent Abstracts of Japan publication was cited as an A-type reference in a Search Report for a corresponding German Patent Application.

III. CONCLUSION

It is believed that none of these references, alone or in combination, disclose or suggest the invention claimed. However, Applicant wishes to make it clear that the disclosure of the above references is in no way an admission that they qualify as prior art. It is Applicant's desire, however, to have these references available in the record for both the Examiner and the public to see. Applicant therefore requests that the Examiner review the entire disclosure of each reference and make the above-listed references of record.

Respectfully submitted,



John C. Freeman
Registration No. 34,483
Attorney for Applicant

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Dated: June 18, 2002

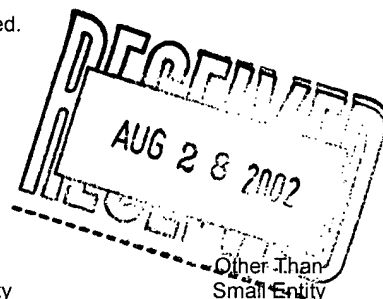
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| TRANSMITTAL LETTER | | | | | Case No. 56/367 |
|---|-------------------------------|------------------------------------|---------------------------------------|------------------------|------------------------------|
| Int'l Pat. App. No. PCT/EP00/05372 | U.S. Serial No. 10/019,734 | Int'l Filing Date June 10, 2000 | U.S. Filing Date December 28, 2001 | Examiner unassigned | Group Art Unit unassigned |
| Inventor Johann Mitterreiter | | | | | |
| Title of Invention COUPLING ELEMENT AND USE OF THE COUPLING ELEMENT IN A DEVICE FOR MEASURING ANGLES | | | | | |

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is Information Disclosure Statement with copies of twelve (12) cited references; Form 1449, and post

- ☐ Small entity status of this application under 37 CFR § 1.27 has been established by verified statement previously submitted.
- ☐ A statement to establish small entity status under 37 CFR §§ 1.9 and 1.27 is enclosed.
- ☐ Petition for a _____ month extension of time.
- ☐ No additional fee is required.
- ☐ The fee has been calculated as shown below:



| | Claims Remaining After Amendment | | Highest No. Previously Paid For | Present Extra |
|---|----------------------------------|-------|---------------------------------|---------------|
| Total | | Minus | | |
| Indep. | | Minus | | |
| First Presentation of Multiple Dep. Claim | | | | |

Small Entity

| Rate | Add'l Fee |
|-----------------|-----------|
| x \$9= | |
| x \$42= | |
| +\$140= | |
| Total add'l fee | \$ |

or

| Rate | Add'l Fee |
|-----------------|-----------|
| x \$18= | |
| x \$84= | |
| +\$280= | |
| Total add'l fee | \$ |

- ☐ Please charge Deposit Account No. 23-1925 (BRINKS HOFER GILSON & LIONE) in the amount of \$_____. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$_____ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR § 1.16 and any patent application processing fees under 37 CFR § 1.17 associated with this communication or credit any overpayment to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.
- ☒ I hereby petition under 37 CFR § 1.136(a) for any extension of time required to ensure that this paper is timely filed. Please charge any associated fees which have not otherwise been paid to Deposit Account No. 23-1925. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

John C. Freeman
 John C. Freeman
 Registration No. 34,483
 Attorney for Applicant

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